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J. C. WILLIAMS

140 HARRISON AVE. MONTCLAIR, N. J.

Catalogue and Price List of...

Fruit and
Ornamental Trees,
Vines, Plants, Etc.

...1900...

CHESTNUT HILL NURSERIES

INTRODUCTION.

OUR stock of Trees and Plants is first-class in every respect, and if properly planted in good soil will give entire satisfaction.

It will be noticed that but little space is devoted to untried novelties, so many of which fail under ordinary culture to ever become of real worth, and we list only those that we regard as most promising and worthy of trial.

Among the newer things that we have found to possess superior merit are **Japan Plums**, **Champion Peach**, **Diamond Grape**, **Wilder Currants**, **Eldorado Blackberry**, **Dwarf Japan Maples**, **Crimson Rambler Rose**, **Japan Iris**, etc., etc.

Intending purchasers are invited to call and see us or write us, giving a list of whatever is wanted, whether quoted in this catalogue or not.

Upwards of 30 years' practical experience should count for something in the way of helping to make a judicious selection.

We can often furnish to near-by customers, larger trees than quoted, at correspondingly higher rates.

It will greatly facilitate matters if our customers will send us their orders early.

Terms—Cash with order from unknown correspondents.

Shipping—Please give explicit directions for shipping, whether by Freight or Express.

Write name and P. O. Address distinctly as possible.

Remittances may be made by draft, registered letter, or postal money order on Montclair, N. J. Fractional parts of a dollar may be sent in postage stamps.

While we exercise the greatest care to have all stock sent out by us true to name, it is mutually understood and agreed, between the purchaser and ourselves, that we shall in no case be liable for any loss or damage resulting from any failure thereof.

J. C. WILLIAMS,

140 Harrison Ave., Montclair, N. J.

FRUIT TREES.

STANDARD APPLES.

Plant 20 to 30 feet apart each way. First-class trees, 6 to 7 feet, 30 cents each; \$3 per dozen; \$18 per 100.

SUMMER VARIETIES.

Astrachan Red. Medium to large, crimson, tender, very acid. A standard and useful sort.

Duchess of Oldenburgh. Large; crimson striped, handsome, productive, good quality. One of the best summer apples.

Early Harvest. Medium size, pale yellow, mild and excellent, early.

Sweet Bough or Sweet Harvest. Large, greenish yellow, tender and sweet.

AUTUMN VARIETIES.

Fall Pippin. Large, golden yellow, rich, sub-acid; excellent.

Fameuse. (Snow apple). Medium size, deep crimson, flesh snow white, tender, delicious.

Gravenstein. Medium to large, yellow, striped prettily with red, crisp, tender, and of good flavor; a standard and most reliable fall apple.

WINTER VARIETIES.

Baldwin. Large, dark red, excellent, a most profitable and popular sort, and largely grown.

Ben Davis. Medium, red striped, early and abundant bearer, poor quality, keeps well.

Fallawater. Very large; greenish yellow, extra keeper, medium quality.

Greening. Large, yellowish green, productive, rich and good.

King. Large, red striped, tender, excellent, profitable.

Monmouth Pippin. Large, greenish yellow, with red cheek, juicy, tender and good keeper.

Northern Spy. Medium to large, red striped, mild, sub-acid; good keeper.

Twenty Ounce. Large, greenish yellow, splashed with red, fine market sort.

CRAB APPLES.

For Ornament, Preserving, Jellies, etc. First-class, 30 cents each; \$3 per dozen.

Transcendent. Large, bright red, tree very vigorous and productive, popular and desirable. September and October.

Hyslop. Large, roundish, deep red, with blue bloom, very pretty, flesh yellowish, excellent for cider and jelly, popular, late.

STANDARD PEARS.

Plant 15 to 20 feet apart each way. First-class trees, 5 to 6 feet, 40 cents each; \$4 per dozen; \$20 per hundred.

SUMMER VARIETIES.

Bartlett. Large, yellow, juicy, excellent, productive, very reliable and popular.

Clapp's Favorite. Large, red cheeked, strong grower, productive, excellent, ripens in advance of the Bartlett, profitable for market growing and home use.

Doyenne d'Ete. Small, red checked, sweet and good, earliest to ripen, and particularly welcome as the first pear of the season.

AUTUMN VARIETIES.

Bosc. Large, long neck, russet, excellent quality, poor grower.

D'Anjou. Large, greenish, yellow, good quality, very productive and profitable.

Kieffer, Late. Large, red cheek, showy, fair quality, excellent for canning, tree a remarkably strong grower, and comes into bearing early.

Seckel. Small, yellowish russet, rich, juicy, melting—the standard of fine quality, productive.

Sheldon. Medium to large, russet, coarse grained, but very juicy and delicious.

Lawrence. Medium, light yellow, juicy very sweet, the best early winter sort.

JAPAN OR ORIENTAL PLUMS.

First-class trees, 40 cents each; \$3.50 per dozen.

We recommend the planting of these in preference to the native sorts, believing they will succeed well in almost any locality. Small one-year-old trees, planted on our grounds in the spring of 1893, bore a heavy crop of fruit two years later (1895).

Abundance (Botan). Large, oblong, nearly covered with bright red, flesh orange yellow, excellent quality, tree a strong and handsome grower, commences bearing young and yields large crops.

Burbank. Vigorous grower, hardy, early bearer, fruit large, globular, clear cherry red, with a thin lilac bloom, flesh deep yellow, sweet agreeable flavor. One of the best.

Chabot. Fruit large, dark red, very juicy, good quality. Tree vigorous and very productive. Ripens two to three weeks later than Abundance (September 1 to 10) in this section. I regard this the best variety that I have thus far tested, and heartily recommend it.

Red June (Red Nagate). Fruit medium size, red, fair quality, ripening early in July.

Satsuma. Tree strong, hardy, vigorous grower, with brownish red bark, fruit large, purplish red, very small pit. A superior canning plum.

PLUMS—Continued.

Wickson. New. Originated by Mr. Burbank, of California, who says: "Among the many thousand Japan Plums I have fruited so far, this one stands pre-eminent in its rare combination of good qualities. A sturdy, upright grower, productive almost to a fault. Fruit remarkably handsome, deep maroon red, flesh fine texture, firm, sugary and delicious." Fine large trees, 50c. each; \$5 per dozen.

Willard. One of the earliest, ripening in July. Fruit medium size, dark red, keeps well, quality not as good as the most of the Japan varieties, but desirable on account of its extreme earliness.

CHERRIES.

First-class, 5 to 6 feet, 40 cents each; \$4 per dozen.

Selected, 50 cents each; \$5 per dozen.

HEART AND BIGARREAU.

Black Eagle. Large, black, tender, rich, very productive, reliable.

Black Tartarian. Large, purplish black, juicy, rich, excellent, popular.

Downer's Late. Medium, red, melting, sweet, luscious, reliable, very late.

Gov. Wood. Large, light yellow, with red cheek, juicy, rich, delicious, very fine.

Rockport. Large, pale amber, red cheek, sweet and good.

Schmidt's Bigarreau. Large, deep black, flesh dark, tender, very juicy, fine flavor.

Windsor. Large, liver colored, solid flesh, fine quality; tree hardy and prolific. A valuable variety. Late.

Yellow Spanish. Large, yellowish white, tinted rose, juicy, rich, sweet, very popular.

DUKE AND MORELLO CHERRIES.

Early Richmond. Medium, red, juicy, rich, acid, very profitable, excellent for canning.

English Morello. Large, dark red, very juicy, rich acid, very productive and profitable, late.

May Duke. Medium, dark red, melting, rich, juicy, excellent, popular, reliable. The fruit does not ripen all at once—a good feature.

PEACHES.

Plant 15 to 20 feet apart each way. First-class, 5 to 6 feet, 20 cents each; \$1.75 per dozen; \$8 per 100.

Carman. New, creamy white, deep blush cheek, large size, ripening early.

Champion. Without exception the finest and best early variety I have ever grown. Large, skin creamy white, with a red cheek; flesh white, sweet and delicious. Ripens before Mountain Rose and sells at sight. 25c. each; \$2 per dozen.

PEACHES—Continued.

Crawford's Early. Large yellow with red cheek, yellow flesh.

Crawford's Late. Very large, juicy, excellent; one of the best.

Elberta. Good size, yellow with red cheek, juicy, fine flavor; first of September.

Freehold. A seedling of the old Mixon class, ripening after Stump, of large size, white flesh, very showy and productive.

Mountain Rose. Medium to large, white flesh, juicy and very good, tree vigorous and productive; one of the best early sorts.

Old Mixon. Large, greenish white, red cheek, white flesh, fine.

Reeve's Favorite. Large, yellow flesh, red at the stone, fine quality.

Stump. Large, creamy, white, with red cheek, white flesh, good.

Stephen's Rareriipe. Large, resembling Old Mixon, but more highly colored; ripens late.

Iron Mountain. Best, largest, late white, free stone.

APRICOTS.

35c. each.

Early Golden. Small, pale orange, juicy, sweet.

Breda. Small, dull orange, with red cheek, juicy, rich and vinous.

Moorpark. One of the largest and finest Apricots, yellow, with red cheek, fine quality.

Royal. Large, fine; ripens before the Moorpark.

QUINCES.

Apple or Orange. Well known, early, productive, fruit large, tender and good. 3 to 4 feet, 30c. each, \$3 per dozen, \$20 per 100.

Champion. A fine variety, somewhat later in ripening than the above. 3 to 4 feet, 30c. each, \$3 per dozen, \$20 per 100.

GRAPES.

Plant 6 to 8 feet apart. Strong two-year vines, 25 cents each, \$2 per dozen, except otherwise noted.

Aminia (*Rogers' No. 39*). Black, bunch and berry large, handsome, good; one of the best.

Brighton. Red, bunch large, generally shouldered, thin skinned, sweet and delicious; ripens early.

Concord. So well-known as to need no description. 15c. each, \$1 per dozen.

Delaware. Red, bunch and berry small, but excellent quality and very popular.

Green Mountain. Bunch and berry medium size, greenish white, thin skin, tender and sweet, very early, ripening the latter part of August. A decided acquisition. Two-year vines, 50c. each:

GRAPEs—Continued.

Herbert (*Rogers' No. 44*). Black, bunch and berry very large, showy, good quality, strong grower and desirable.

Lindley (*Rogers' No. 9*). Red, bunch loose, berry medium size, sprightly, delicious flavor.

Merrimac (*Rogers' No. 19*). Black, bunch and berry large, compact, good quality, strong grower and productive.

Moore's Early. Black, berries very large, early and good; largely planted for market.

Moore's Diamond. White, bunch large, compact, berry medium size, greenish white, with a yellow tinge; excellent quality. A superb variety.

Niagara. White; the best white grape we have ever grown, very vigorous grower, enormously productive, bunches very large, handsome, and of good quality. Everyone should have it.

Wilder (*Rogers' No 4*). Black, bunch and berry large, handsome, sweet and good, vine vigorous and productive; probably the most popular of the Rogers' class.

Worden. An improved *Concord*, which it resembles in growth and general appearance of vine; bunch and berries are larger; ripens about two weeks earlier, and are very much sweeter and better.

MULBERRIES.

Downing's Everbearing. Fruit large, handsome, black, sweet and excellent; tree a rapid grower and yields several crops of fruit during the season. 4 to 5 feet, 50c. each.

New American. Equal to Downing's and a hardier tree, vigorous grower and very productive; the best variety for fruit; ripe from June to September. 4 to 6 feet, 50c. each.

SMALL FRUITS.**CURRANTS.**

Plant 3 to 4 feet apart.

Fay's Prolific. Perhaps the best of the red varieties, fruit large, handsome; good quality and very productive. Strong two-year plants, 10c. each, \$1 per dozen, \$6 per 100.

Wilder. A new red currant introduced by S. D. Willard, of Geneva, N. Y. Bush of strong upright growth, very productive; fruit nearly or quite as large as Cherry and Fay's, much longer and better filled stems; ripens later and will hang on bushes in good condition longer than any other currant, well worthy of trial. \$2 per dozen, \$10 per 100.

White Grape. The best white variety. Two years, \$1 per dozen, \$5 per 100.

Black Champion. The best of the black sorts. Two years, \$1 per dozen.

GOOSEBERRIES.

Plant 4 feet apart.

Downing. The most popular American variety. Fruit medium to large, pale green, good quality, enormously productive. Two-year plants, \$1 per dozen, \$6 per 100.

Pearl. (New). Claimed to be the most prolific gooseberry known, strong grower, fruit one-third larger than Downing, and better quality. Strong plants, 15c. each, \$1.50 per dozen.

Red Jacket. Another new native sort, entirely free from mildew. Vigorous grower, fruit large red, and of best quality. Strong two-year plants, 15c. each, \$1.50 per dozen.

 **To destroy the Currant Worm on Currants and Gooseberries, dust the plants with White Hellebore when they are wet with dew.**

BLACKBERRIES.

Plant 3 feet apart.

Kittatinny. Introduced by us in 1866, is yet the *best blackberry* for general cultivation. Productive, fruit large, firm, sweet and excellent. 50c. per dozen, \$2 per 100.

Erie. Resembles the *Lawton* or *New Rochelle* closely in size, form and quality of fruit. 50c. per dozen, \$2 per 100.

Eldorado. Vigorous and hardy; fruit medium to large, jet black, borne in large clusters, sweet and good. 50c. per dozen, \$3 per 100.

Rathbun. (New). Said to be a strong, erect grower, and unlike most varieties, produces but few suckers. Fruit is jet black and sufficiently firm to handle and carry well. A large proportion of the berries will measure from $1\frac{1}{4}$ to $1\frac{1}{2}$ inch in length. Strong plants, 75c. per dozen, \$4 per 100.

RASPBERRIES.

Plant 3 feet apart.

Caroline. Yellow, medium size, fine flavor, productive, should be in every collection. 50c. per dozen, \$3 per 100.

Columbian. (New). Supposed to be a cross between Cuthbert and Shaffer's Colossal, very vigorous and hardy, fruit large, dull purplish color, firm, superior for canning. 10c. each, \$1 per dozen.

Cuthbert. The most popular and best red raspberry in cultivation. Strong grower, hardy, very productive, fruit large, handsome and excellent. 50c. per dozen, \$2 per 100, \$10 per 1,000.

Golden Queen. Large yellow, fine quality, hardy and productive. 50c. per dozen, \$2 per 100.

Kansas (Blackcap). Ripens just after Souhegan, berries large, jet black, firm and best quality, plants vigorous and productive. 50c. per dozen, \$3 per 100.

Loudon. This has greatly disappointed me. It may withstand a greater degree of cold than the Cuthbert, but the quality of the fruit is so miserably poor that I think most persons would condemn it. Has been highly recommended for market, but for the home garden something better is wanted. 50c. per dozen, \$2 per 100.

RASPBERRIES - Continued.

Cumberland (Blackcap). (New). This is the best and largest black raspberry I have ever seen. Strong, vigorous growth; very productive. Berries large, firm, and best quality. Is said to have stood a temperature of 16 degrees below zero without injury. Strong plants \$1 per dozen, \$5 per 100, \$30 per 1,000.

STRAWBERRIES.

Extra strong, finely rooted plants, 25 cents per dozen, \$1 per hundred, \$5 per thousand, except otherwise noted.

Varieties marked (P) are Pistillate, or imperfect flowers, and should have a perfect flowering sort planted near.

Brandywine. We regard this one of the *best* varieties in cultivation. Plant of strong healthy growth, moderately productive, fruit large, very uniform, firm enough to bear handling, bright color and good quality.

Bismarck. Resembles Bubach. Strong, healthy habit, perfect flower, quite productive, berries large to very large.

Bubach. P. One of the best for all purposes. Large, bright scarlet, fair quality, strong grower, very productive.

Carrie. A seedling of Haverland, and thought to be of better color, firmer, and an improvement on that well-known variety.

Clyde. A wonderfully productive variety. Fruit stalks inclined to be rather short; ripens early, berries large, uniform, bright scarlet. Very popular about Boston.

Glen Mary. Very large, quite firm; strong healthy grower. Productive.

Marshall. Of unusually strong luxuriant growth. Fruit large to very large, handsome, dark crimson, fine quality. Fourteen berries have filled a quart basket.

Maximus. Claimed to be the greatest of all strawberries. Perfect flower, strong, robust grower, berries conical; deep glassy scarlet, pink center, large regular form, fine flavor.

Ruby. A large market and family berry. Prof. Green, of the Ohio Experimental Station says: "The fine color and firmness of Ruby command a place for it anywhere."

Splendid. Plant of luxuriant growth, perfect flower, very productive, berries medium size, bright scarlet, firm and good.

Wm. Belt. Highly recommended by many growers. Fruit as large as Burbach, bright color, better shape and quality.

The Pearson Strawberry. This is a chance seedling found by Col. A. W. Pearson in 1886, near his farm at Vineland, N. J., and has been grown by him and some of his friends for market to some extent since, but no plants have been offered for sale. Col. Pearson sent a few plants here for trial about 1892, and it has each year since had a small space in our trial beds, and in comparison with scores of other kinds that we have

STRAWBERRIES—Continued.

tested this has proved the equal of any and superior to most. Col. Pearson says that on the sandy soil of Cumberland County, with but ordinary field culture, it has yielded upward of 10,000 quarts per acre. In order to determine its value under widely different conditions and locations, we shall endeavor to have it tested in various sections of the country, and if it proves the success that it has in New Jersey, we hope to place on the market in the near future. For the present the following brief description will suffice. Plant of medium growth, clean, healthy foliage, perfect blossom, berries rather long, very uniform shape (never cox-combed); medium to large, bright glossy color, borne on long fruit stalks, exceedingly productive and excellent quality. What more is needed in a strawberry?

ASPARAGUS.

For garden culture set the plants 1 to 2 feet apart, in rows 3 feet apart.

Barr's Mammoth.

Conover's Colossal.

Palmetto.

Strong roots of the above leading sorts, \$1 per hundred, \$5 per thousand.

RHUBARB.

Linnæus. Strong roots. \$1 per dozen, \$5 per 100.

VEGETABLE PLANTS.

	Doz.	100
Cabbage. Best early varieties.....	\$0 10	\$0 50
Cauliflower. Early Snowball.....	25	1 00
Egg Plants. Imp. N. J. Purple, from pots.....	50	4 00
Pepper. Ruby King, from pots.....	30	2 00
Tomato. Dwarf Champion		
Beauty	-	-
Perfection	-	-
Stone	-	-
Long Keeper, etc., etc.	15	1 00

ORNAMENTAL DEPARTMENT.**DECIDUOUS TREES.**

Deciduous trees are those that drop their foliage in the autumn. They can be successfully transplanted after the leaves have fallen, or before the starting of the buds in the spring.

APPLE. Chinese Double-flowering. (*Pyrus var. spectabilis*).
White flowers in clusters, quite fragrant.....

\$0 75

DECIDUOUS TREES - Continued.

BEECH, Purple-leaved. (<i>Fagus purpurea</i>). The finest of all purple-leaved trees, attaining a large size, foliage purplish crimson in early spring. 6 to 8 feet.....	\$1 50 to \$2 00
Weeping (<i>Fagus pendula</i>). Of vigorous and peculiar growth, but graceful and attractive.....	1 50 to 2 00
BIRCH, European White Weeping (<i>Betula alba</i>). Silvery bark and slender branches that after a few years' growth assume a drooping habit; 6 to 8 feet.....	50 to 1 00
Cut-leaved Weeping (<i>Betula pendula laciniata</i>). The prettiest and most popular of all weeping trees, of tall, slender, but vigorous growth, graceful drooping branches and delicately cut foliage; 6 to 8 feet.....	1 00
CHERRY, Japan Weeping (<i>Cerasus var. rosea pendula</i>). One of the most beautiful spring flowering trees. The slender, gracefully drooping branches are literally roped with rose colored flowers in May. One and two-year heads...	1 50 to 2 00
Double Flowering (<i>Cerasus Sieboldi rubra plena</i>) Best of the double flowering cherries, bearing large flowers, white, tinged with rose; 4 to 5 feet.....	1 50
CATALPA SPECIOSA. Hardy and well known; 6 to 8 feet..	50
DOGWOOD, White-flowering (<i>Cornus florida</i>). A well known small tree with spreading head, large white-flowers in early spring.....	50 to 1 00
Red-flowering (<i>Cornus flore rubro</i>). A strikingly handsome variety, producing bright rosy pink flowers; 3 to 4 feet, \$1; 5 to 6 feet.....	1 50
Weeping (<i>Cornus var. pendula</i> .) Differs from other weeping trees, the central shoot growing erect. White flowers and highly colored foliage in autumn; 4 to 5 feet.....	1 50
HORSE CHESTNUT (<i>Æsculus hippocastanum</i>). Slow growing, but hardy and desirable; 6 to 8 feet.....	50 to 1 00
Red-flowering (<i>Æsculus rubicunda</i>). Flowers rosy red, later than the white, very showy.....	1 00
JUDAS TREE or Red Bud (<i>Cercis canadensis</i>). A small, irregular shaped tree, bearing a profusion of bud-like reddish purple flowers before the leaves appear; 4 to 6 feet.....	75
LABURNUM (Golden Chain). A small tree, producing long racemes of yellow flowers.....	50 to 75
LINDEN, American (<i>Tilia Americana</i>). A rapid growing native tree, having large leaves and fragrant flowers; 8 to 10 feet.....	75
European (<i>Tilia Europea</i>). Similar to the above, but smaller leaves and slower growth; 8 to 10 feet.....	75

CRIMSON RAMBLER ROSE, Extra Size. 50 cents.

DECIDUOUS TREES -Continued.

LINDEN, White-leaved (<i>Tilia var. alba</i>). A vigorous growing tree, of medium size, pyramidal form, and particularly noticeable among trees by its white appearance. One of the finest of ornamental trees; 8 to 9 feet.....	\$1 00
LIQUIDAMBAR (Sweet Gum). A fine tree for either lawn or street planting. Glossy star-shaped leaves, changing to bright scarlet in autumn.....	\$1 00 to 1 50
MAIDEN HAIR TREE (<i>Salisburia adiantifolia</i>). Rare and beautiful fan-like leaves; a native of Japan; 6 to 8 feet..	1 00
MAGNOLIA Glauca. Small growing, glossy leaves, pure white flowers, very fragrant; 2 to 3 feet.....	1 00
Marcophylla. Large leaved Magnolia; the leaves 2 feet in length, large, white, cup-shaped flowers in June; 4 to feet.....	1 00
Conspicua (Chinese White). Flowers large, pure white. Opening latter part of April before the leaves. A most beautiful tree; 3 to 4 feet.....	1 50
Soulangeana. Flowers large, pink on outside of petals and white within. Blooms latter part of April. One of the best; 3 to 4 feet.....	1 50
Tripetala. A medium size tree, bearing large white flowers latter part of May. These are followed by seed pods which become of a rosy crimson color and very showy; 5 to 6 feet.....	1 00
MAPLES, Silver-leaved (<i>Acer dasycarpum</i>). Rapid grower, irregular form, foliage silvery white on the under side; 10 to 14 feet.....	50 to 75
Weir's Cut-leaved (<i>A. laciniatum</i>). Similar to the above, but foliage deeply cut and of somewhat weeping habit...	1 00 to 1 50
Norway (<i>A. Platanoides</i>). One of the best for either street or lawn plauting, compact shape, large, dark green foliage; 6 to 8 feet, 50 cents to 75 cents, 9 to 12 feet	1 00 to 1 50
Sugar (<i>A. saccharinum</i>). The favorite sort for street planting, because of its symmetrical, upright growth, hardy character and beautiful coloring of the foliage in the fall; 6 to 8 feet, \$0 50 to \$0 75; 10 to 12 feet.....	1 00 to 1 50
JAPAN MAPLES —See page 14.	
PEACH, Double flowering (<i>Persica</i>). Assorted colors, very showy.....	50
POPLAR, Cottonwood or Carolina (<i>Populus</i>). Rapid, tall growing, large, heart-shaped foliage; 12 feet.....	75
WILLOW, Weeping (<i>Salix Babylonica</i>). The common well-known variety.....	50

BEDDING PLANTS IN VARIETY. No better to be had anywhere.

DECIDUOUS TREES—Continued.

WILLOW, Kilmarnock, Weeping (<i>S. caprea pendula</i>). Sometimes called the "Umbrella Tree," from its regular downward growth.....	\$1 00
MULBERRY, Weeping. Willowy, pendant branches, with large light green, deeply lobed foliage. Fine for small lawn or cemetery planting.....	1 50

FLOWERING SHRUBS.**DECIDUOUS SHRUBS.**

Hardy Flowering Shrubs are Indispensable for the Embellishment of One's Lawn. They Develop Quickly, and, if Tastefully Arranged, Become Attractive from the Start.

I name but a few of the best, with very brief descriptions. Prices according to size.

ALTHEA, Rose of Sharon (<i>Hibiscus</i>). Valued for its late blooming in August and September, flowers double, white, red, purple; each, 30c.; extra size.....	\$0 50
ALMOND, Dwarf, Double-flowering (<i>Amygdalus</i>). Very showy, blooms profusely in May, double pink and double white; each, 30c.; extra size.....	50
BERBERRY, Purple (<i>Berberis purpurea</i>). A thorny shrub having dark purple leaves; each.....	30
Thunberg's (<i>B. Thunbergii</i>). Japanese species, small, foliage changing to a bright red in autumn; each.....	50
STRAWBERRY SHRUB (<i>Calycanthus</i>). Double purple, fragrant flowers; each.....	30
DEUTZIA, Double (<i>D. crenata fl. pl.</i>). Flowers bell-shaped, white, margined with pink.....	\$0 30 to 50
Double White. (<i>D. crenata candidissima</i>). Similar to the above, but pure white.....	30 to 50
Slender-Branched (<i>D. gracilis</i>). Very dwarf, flowers pure white, handsome.....	30 to 50
ELÆAGNUS longipes. Dwarf spreading habit, foliage dark green above, silvery white beneath, small yellow flowers, bright red fruit, edible.....	30
EUONYMUS (<i>Burning Bush</i>). A highly ornamental and showy tree, particularly late in the season, when bare of foliage its crop of bright strawberry colored seeds hangs in clusters from the branches until midwinter or later.....	50 to 75

FLOWERING SHRUBS-Continued.

FRINGE, Purple or Smoked=Tree (<i>Rhus cotinus</i>). Admired for the feathery smoky looking flowers.....	\$0 30 to \$0 50
White (<i>Chionanthus</i>). A very showy shrub or small tree, with glossy foliage and delicate fringe-like, fragrant, white flowers.....	50 to 75
GOLDEN BELL (<i>Forsythia</i>). Upright growth, deep green foliage, bright yellow flowers in early spring before the leaves appear.....	30 to 50
GOLDEN ELDER (<i>Sambucus aurea</i>). One of the best yellow foliage shrubs.....	50
HYDRANGEA (<i>paniculata grandiflora</i>). One of the most popular flowering plants, flowers white, changing to pink late in the season; very showy. Tree form 3 to 3½ feet, 50c. each.	30 to 50
JAPAN MAPLES. Dwarf or bush-like habit, perfectly hardy, the foliage of the several varieties in richness of coloring being of unsurpassed beauty. For lawn planting in groups they are unexcelled. The following are the most desirable:	
A. Polymorphum. Foliage small, deeply lobed, bright green in spring, changing to crimson in autumn; 2 feet.....	1 00
A. atropurpureum. Blood leaved, foliage deeply cut, attractive. 1½ to 2 feet, \$1.00; 2 to 2½ feet.....	1 50
A. dissectum atropurpureum. Graceful, weeping habit, foliage finely cut, rose color in spring, changing to deep purple, strikingly handsome; 1 to 1½ feet, \$1.50; 2 to 2½ feet.....	2 50
A. sanguineum. Dwarf, round form, foliage reddish crimson in June, one of the most popular sorts; 1½ to 2 feet	1 50 to 2 00
A. palmatum. Palm-leaved, leaves 5 to 7 lobed, deep green, compact; 2 feet.....	1 50 to 2 00
KERRIA (<i>Japonica variegata</i>). A slender branched shrub, with small green foliage, edged with white, yellow flowers.....	30 to 50
LILAC, Purple (<i>Syringa vulgaris</i>). Well known shrubs, purple, fragrant flowers in May.....	30 to 50
White (<i>S. alba</i>). White flowers.....	30 to 50
Persian (<i>S. Persica</i>). Slender growth, light purple flowers, produced in profusion, completely covering the bush.....	30 to 50
Frau Dammann. Splendid white sort.	50
Ludwig Spaeth. Purplish red, long panicles.	50
Lemoinei. Double purple.	50
Leon Simon. Double violet.	50

FLOWERING SHRUBS—Continued.

LILAC, Josikea. Purple, late blooming.	\$0 50
MOCK ORANGE or <i>Syringa</i> (<i>Philadelphus coronarius</i>). Vigorous habit, pure white, very fragrant flowers.....	\$0 30 to 50
PRIVET, California (<i>Ligustrum ovalifolium</i>). The best hedge plant. A strong growing shrub, bright green leaves, nearly evergreen; specimen plants, 3 to 4 feet, 25c. each; nice plants for hedges, 1½ to 2 feet, \$5 per 100; 2 to 3 feet, \$6 per 100.	
PLUM, Purple-Leaved (<i>Prunus pissardi</i>). Purple foliage retaining its color throughout the season, flowers small white, single; 5 to 7 feet.....	50 to 75
Double-flowering (<i>Prunus triloba</i>). Native of China; dwarf habit, flowers double, delicate pink, thickly set along the branches, blooms in May; 3 to 4 feet.....	50
QUINCE, Japan (<i>Cydonia Japonica</i>). Very showy, early blooming shrubs, producing a profusion of scarlet flowers before the leaves appear.....	25
SNOWBALL (<i>Viburnum opulus</i>). Old and well known; globular clusters of white flowers in June.....	30
Japan (<i>V. plicatum</i>). A great improvement on the above, both foliage and flowers being exceedingly beautiful, the flowers lasting nearly a month. One of the best and prettiest of the hardy flowering bushes. Everyone should have it. 2 to 3 feet, 35c.; 4 to 5 feet.....	50 to 75
SPIRÆA or Meadow Sweet. Our collection includes the best varieties of this well-known and beautiful flowering shrub, as below.....	30 to 50
S. Ballardii. A late blooming pink variety.	
S. opulifolia aurea (Golden leaved). Golden yellow foliage, retaining its color through the season.	
S. Prunifolia. Small double white flowers, thickly set along the branches. May.	
S. Reevesii. White flowers borne in clusters along the branches, which bend gracefully when loaded with bloom.	
S. Thunbergii. Graceful, drooping habit, delicate foliage, small, white flowers, earliest in bloom.	
S. Van Houttei. New and very popular. Flowers pure white; produced in the greatest profusion.	
WEIGELA, Rose-colored (<i>Diervilla rosea</i>). A strong growing hardy shrub, with rose colored flowers, blooming in May and June.....	30 to 50
Amabilis. More upright growth; pink flowers.	
White (<i>D. candida</i>). Bears a profusion of white flowers; one of the best.	
Variegated.. Dwarf habit, beautiful, variegated foliage; flowers nearly white.	

CLIMBING VINES.

		Each	Doz.
VIRGINIA CREEPER or Am. Ivy (<i>Ampelopsis quinquefolia</i>). A native rapid growing vine, foliage turning a rich crimson in autumn.....		\$0 25	\$2 50
JAPAN CREEPER or Boston Ivy (<i>Ampelopsis Veitchii</i>). Smaller and more delicate foliage, but when once established it grows rapidly, clinging to wall or fence tenaciously; very beautiful.....		25	2 00
CLEMATIS. We offer several of the best and most showy of these favorite climbers at 50c. to 75c. each, including:			
Duchess of Edinburg. Double white.			
Gypsy Queen. Dark purple.			
Jackmann. Large, violet purple.			
Mme. Ed. Andre. Crimson red, handsome.			
Ramona. Large flowers, sky blue.			
Paniculata. Strong, rapid grower, completely covered in late summer with small white fragrant flowers. Perfectly hardy and well adapted for covering trellis or fence.....	50 to 75		
HONEYSUCKLE (<i>Lonicera</i>) Hall's Japan. Strong, vigorous grower, nearly evergreen; white flowers, changing to yellow; very fragrant, free bloomer.....	25	2 50	
Golden-leaved. Beautiful golden foliage; one of the best	25	2 50	
IVY, English (<i>Hedera</i>). Broad leaved, dark green, hardy; succeeds best in shade.....	25	2 50	
TRUMPET VINE (<i>Bignonia</i>). A grand climber, strong grower, hardy, bearing large, scarlet, trumpet-shaped flowers in August.....	25	2 00	
WISTARIA, Chinese Blue. Rapid grower, hardy; pale blue flowers in pendulous clusters; fragrant.....	50		
Chinese White. Similar to the above, but having white flowers	50		

EVERGREENS.

ARBOR VITÆ, American, 1½ to 2 feet, 15c. each; \$10 per 100.			
" " " 2 to 2½ feet, 25c. each; \$12 per 100.			
" " " 4 to 5 feet, 75c. each.			
" " Globe Dwarf, 1½ feet.....		30	
" " " 2 feet.....		50	
" " Chinese Golden, 1½ feet.....		50	
" " " 2 to 2½ feet.....		75	

Let Me Furnish You With Spraying Apparatus. See page 24.

EVERGREENS—Continued.

JUNIPER, Irish, 1½ to 2 feet.....	\$0 50
PINE, Austrian, 2 to 2½ feet.....	35
“ “ 3 to 4 feet.....	50 to 75
“ Scotch, 2 to 3 feet.....	50
“ “ 3 to 4 feet.....	75
“ White, 2 to 3 feet.....	35
RETINOSPORA Plumosa, 1½ feet.....	30
“ “ 2 feet.....	50
“ “ Golden, 2 feet.....	50
SPRUCE, Colorado Blue, 1½ feet.....	1 50
“ “ “ 2 feet.....	3 00
“ Hemlock, 2 feet.....	30
“ Norway, 1½ to 2 feet.....	25
“ “ 2 to 2½ feet.....	35
“ “ 3 to 4 feet.....	50
“ “ larger specimen trees.....	\$2 00 to 5 00

A large lot of Norway Spruce, 2½ to 4 feet, fine for hedge or screen, at low rates in quantity.

ROSES.

The following very choice varieties of Hybrid Perpetual and Climbing Roses are entirely hardy, that is, they will not require protection for winter. A good deep soil, heavily enriched with well rotted manure is essential in the preparation of a rose bed. Leaf spot, mildew, etc., must be kept in check by spraying the plants with copper compounds several times during the season. See page 24 for Spraying materials, etc.

CRIMSON RAMBLER. The most popular climbing or Pillar Rose at the present time. Of strong, rapid growth, perfectly hardy, wonderfully free flowering, flowers semi-double, bright red, borne in clusters, often 20 to 30 in a cluster. For walls, pillars and porches, this has no equal. Extra size, 50c. each, \$5 per dozen. Strong two-year plants, 35c. each, \$3.50 per dozen.

YELLOW RAMBLER (*Aglaia*). New. Claimed by the introducers to stand a zero temperature without injury; but in this section it will be safest to lay the plants down before severe freezing weather sets in and cover lightly. Blossoms of moderate size, cup shaped, of a decided yellow color, very sweetly scented and borne in immense clusters. Strong, two-year plants, 40c. each, \$3.50 per dozen.

WHITE RAMBLER (*Thalia*). New. In habit of growth and blooming this is said to be almost identical with Crimson Rambler, differing only in color of flowers, which are clear white. Strong, two-year plants, 40c. each, \$3.50 per dozen.

ROSES - Continued.

WICHURAIANA (Memorial Rose.) This Japan trailling rose is nearly evergreen, bright shiny foliage and is admirable for covering embankments and for cemetery planting, clinging closely to the ground, thriving anywhere. The flowers are single, white, with yellow stamens, quite fragrant and produced in profusion in July. 30c. each, \$3 per dozen.

Baltimore Belle. Pale blush, nearly white; strong two-year, 25c.

Prairie Queen. Bright rosy red; two-year, 25c.

Empress of China. Hardy, free flowering climber, blooming in clusters, bright pink flowers. In bloom nearly the entire season. 30c. each, \$3 per dozen.

SELECT HARDY HYBRID PERPETUAL ROSES.

Fine Strong 2-year plants, 25 cents each, \$2.50 per dozen. Extra size, 3-year plants, 50 cents each.

Alfred Colomb. Carmine crimson.

Anne de Diesbach. Crimson.

Baron de Bonstetten. Velvety maroon.

Captain Christy. Delicate flesh color.

Coquette des Blanches. Pure white, fine free bloomer.

Dinsmore. Crimson. A true perpetual.

Duke of Edinburgh. Bright red.

Francois Levet. Bright rose, large fine form.

General Jacqueminot. Crimson.

Gloire Lyonnaise. Pale salmon yellow.

Jean Liabaud. Dark crimson.

John Hopper. Bright rose.

La France. Delicate silvery red.

Magna Charta. Pink and carmine.

Marshall P. Wilder. Bright cherry red.

Mrs. J. Sharman Crawford. Rich, deep rosy pink.

Mrs. J. Laing. Delicate pink, finely formed bud, continuous bloomer. A grand rose.

Paul Neyron. Immense flowers, color deep rose.

Prince Camille de Rohan. Velvety crimson.

Ulrich Brunner. Cherry red, very fine.

MOSS ROSES.

Strong 2-year plants, 25 cents each.

Blanche Moreau. White, large and full.

Countess of Murinais. White, beautifully mossed.

John Cranston. Deep crimson, very double.

Crested Moss. Rose color, beautifully crested.

Princess Adelaide. Large, reddish blush.

EVER BLOOMING ROSES. Comprising the hardiest and freest blooming of this class. Extra strong plants, 35c. each, \$3.50 per dozen.

RHODODENDRONS.

Can be planted singly about the lawn if preferred, but they are much more effective if in groups of half a dozen or more. Should be kept well mulched so as to keep the soil moist and cool during our hot summers. Thousands are imported every year, but seldom succeed in our dry and colder climate.

We offer only the finest and hardiest home grown varieties, assorted colors. Nice bushy plants with several flower buds, \$1.50 each. Larger plants, \$2 to \$3.

<i>Abraham Lincoln.</i>	Rosy crimson.	<i>Gloriosum.</i>	Large blush.
<i>Album elegans.</i>	White.	<i>Grandiflorum.</i>	Rosy crimson.
<i>Bertie Parsons.</i>	Lilac blush.	<i>Purpureum crispum.</i>	Purple crimped.
<i>Bicolor.</i>	Dark rose.	<i>Purpureum elegans.</i>	Fine purple.
<i>Candidissimum.</i>	White.	<i>Roseum elegans.</i>	Fine rose.
<i>Everestianum.</i>	Rosy lilac.		
<i>Gen. Grant.</i>	Rosy scarlet.		

HARDY AZALEAS.

A very showy class of early shrubs, producing large clusters of most beautiful flowers in different colors during May and June.

- A. *Mollis.* A low growing hardy sort from Japan. All shades of orange, yellow and carmine are the prevailing colors. 75c. each.
- A. *Ghent.* These grow 3 to 4 feet high and come in bloom a little later. Flowers of a variety of colors and possess a delightful perfume. \$1.25 each.

IRIS KAEMPFERI (Japan Iris).

The finest species in cultivation. Flowers very large, 6 to 8 inches across, in many shades of color, remarkably handsome and entirely hardy. Will succeed anywhere. 25c. each, \$2 per dozen.

PAEONIES.

Paeonies are among the showiest of hardy plants, and will thrive in almost any situation. Besides the magnificent display of flowers in June and July, the plants are highly ornamental through the entire summer, perfectly hardy and entirely free from disease and insect enemies. Select varieties, 25c. each, \$2.50 per dozen.

- Active.* Pink, large, full late.
- Amabilis grandiflora.* White, very sweet.
- Baron J. Rothschild.* Outside rose, centre salmon.

PÆONIES—Continued.

Buckii. Light crimson, fragrant.
Duchess de Nemours. Rose pink, very large, sweet.
Delecatissima. Rose, large, fine.
Elegans. Pink, centre salmon.
Fragrantissima. Violet and rose, very sweet.
Fulgida. Dark crimson, fine.
Officinalis Rubra. Red, very early.
Perfection. Rosy lilac, center salmon.
Rosa grandiflora. Rosy crimson, early.
Variegated. Pink and salmon, sweet.

DOUBLE RUDBECKIA.**Golden Glow.**

A grand new hardy perennial that should be found in every garden. Plant of strong, vigorous branching habit, bearing doubly golden yellow flowers in great profusion. Excellent for cutting, keeping in good condition a long time. 15c. each, \$1.50 per dozen.

SUMMER FLOWERING BULBS.**DAHLIAS.**

Strong Roots, 15 cents each, \$1.50 per dozen.

These have lately become very popular. Easy of culture and very showy. The following sorts will afford a range of colors and combination that is simply magnificent.

CACTUS DAHLIAS.

<i>A. D. Livoni.</i> Pink, beautifully quilled petals.	<i>Mrs. Langtry.</i> Cream peach and purple.
<i>Bronze Cactus.</i> Buff yellow, overlaid and penciled reddish bronze.	<i>Nymphaea.</i> Clear light pink.
<i>Dandy.</i> Pink, striped and penciled with black.	<i>Oban.</i> Large, rosy lavender.
<i>Electric.</i> Glowing crimson scarlet.	<i>Orange King.</i> Rich orange, fine form.
<i>Golden Ball.</i> Pure deep yellow.	<i>Oriental.</i> Large, delicate salmon.
<i>James Cocker.</i> Dark red.	<i>Penelope.</i> Pure white.
<i>James Vick.</i> Purple.	<i>Prince Bismarck.</i> Deep, rich purple.
<i>James Stephens.</i> Large, orange scarlet.	<i>Queen of Yellows.</i> Beautiful clear yellow.
<i>John Sladden.</i> Dark maroon, almost black.	<i>Ruby Queen.</i> Bright red, fine.
<i>King of Cactus.</i> Very large, deep magenta.	<i>Uncertainty.</i> Pinkish white, mottled and variegated carmine and crimson maroon; the flowers vary from pure white to blush and crimson on the same plant.
<i>Lemon Giant.</i> Very large, pure lemon yellow.	

ABUNDANCE, BURBANK, CHABOT PLUMS. One of each, \$1.00.

POMPON or BOUQUET DAHLIAS.**15c. each, \$1.50 per dozen.***Allie Mourey.* Pinkish white.*Catherine.* Pure yellow.*Density.* Deep pink, fine.*Eltin.* Dainty little flower, pale rose, changing to white.*Little Prince.* Red, tipped with pink.*Miss Lou Kramer.* Yellow, tipped with crimson.*Prince Charming.* White, tipped with pink.*Sappho.* Dark velvety maroon.*Spring.* Buff, yellow, tipped with red.*Virginale.* Rich creamy white.**SINGLE DAHLIAS.****15c. each, \$1.50 per dozen.***Duchess of Fife.* Amber, edged with orange.*Enchantment.* Red and yellow.*Fashion.* Crimson maroon.*John Cowan.* Fine rich scarlet.*Kate.* Intense orange, crimson maroon.*Mrs. L. C. Bassett.* Maroon, striped lilac.*Snow Queen.* Pure white.**GLADIOLI.**

One of the most showy and beautiful of summer flowers, and of the easiest culture; should be planted 6 to 9 inches apart, at intervals of two weeks, from April to July, and a succession of blooms can be had from mid-summer until October. For a grand show, at small cost, plant the mixed bulbs.

Named Sorts, 10c. each, 75c. per dozen, \$5 per 100.**Mixed,** choice, 5c. each, 35c. per dozen, \$2 per 100.**JAPAN LILIES. HARDY.***Auratum.* Golden banded, large and very fragrant.*Rubrum.* Crimson spotted and rose colored petals.*Album.* Pure white; one of the best.

15c. each. \$1.00 per dozen.

TUBEROSE.

Double Pearl.

The best, large bulbs. 5c. each, 50c. per dozen, \$3 per 100.

CHOICE CANNAS.

We offer the following superb collection, all of which are of good vigorous habit, free flowering and exquisite coloring. Our plants are all started under glass and if set in well prepared soil in May and June will flower continuously from midsummer until freezing weather.

Whether planted in groups by themselves, or as a background for beds of Geraniums, Coleus, etc., their stately character and striking beauty is universally admired.

After a severe frost, dig the bulbs and store in a cool cellar.

Alphonse Bouvier. 6 feet. A strong, luxuriant grower, free bloomer, flowers bright crimson, of large size; a magnificent variety. 15c. each, \$1.50 per dozen.

Admiral Avellan. 5 feet. One of the best dark leaved varieties. Flowers not as large as some others; color orange scarlet, overlaid with salmon. 15c. each, \$1.50 per dozen.

Chas. Henderson. 3½ feet. A fine, compact dwarf grower, large flowers, bright crimson. 15c. each, \$1.50 per dozen.

Columbia. (New.) A splendid variety of American origin. Plant of branching habit, flowers rich cardinal red. 15c. each, \$1.50 per dozen.

Eldorado. 4 feet. Perhaps the best of the yellows, being nearly a bright golden color, large flower, spike of bloom compact, quite dwarf, green foliage. 15c. each, \$1.50 per dozen.

Florence Vaughan. A fine yellow, heavily spotted with bright red, broad petal, forming an elegant flower. 15c. each, \$1.50 per dozen.

Geoffroy St. Hilaire. 4 feet. Bronze foliage, large scarlet flowers. 15c. each, \$1.50 per dozen.

Mme. Crozy. 3 feet. Plant of vigorous growth; free flowering, bright scarlet, bordered with golden yellow; a superb variety. 15c. each, \$1.50 per dozen.

Queen Charlotte. 3 feet. A novelty from Germany. A splendid gilt-edged variety, flowers large, bright scarlet, bordered with a broad band of yellow. 15c. each, \$1.50 per dozen.

Souvenir d'Antoine Crozy. 3 feet. One of the finest gilt-edged varieties yet introduced. Flowers large, intense scarlet crimson, with a broad, rich, golden yellow border. 25c. each, \$2.50 per dozen.

 One plant of each of the above sorts for \$1.25.

JAPAN IRIS. 12 Choice Kinds for \$2.00. See page 19.

PANSY PLANTS.

Strong plants of a very superior strain, richest colors in bloom and ready for bedding out early in spring. 5c. each, 50c. per dozen, \$4.00 per hundred.

CHOICE BEDDING PLANTS.

In best varieties, including Abutilons, Ageratum, Alyssum, Asters, Begonias, Centaureas, Coleus, Geraniums, Heliotrope, Lobelia, Petunias, Pyrethrum, Salvia, Nasturtium, Verbenas, etc., etc.

MISCELLANEOUS PLANTS.

Anemone Japonica. Handsome autumn blooming herbaceous plants, flowering freely from August to end of the season. 20c. each.

Eulalias. Beautiful hardy grasses, growing 4 to 6 feet high, having feathery plumes that are fine for house decoration. Several varieties with plain and striped foliage. 20c. each.

Hardy Chrysanthemums. Small flowered Pompon variety, choice named sorts, assorted colors. 10c. each, \$1 per dozen.

Helianthus Multiflora. (Dwarf Sun Flower.) Very handsome when in bloom in midsummer. Flowers 3 to 4 inches in diameter. Very double, bright yellow, resembling chrysanthemums. Fine for cutting. 20c. each.

Hardy Phlox. Well-known and showy late summer flowers, the newer sorts affording a variety of colors. Very effective if planted in groups. 20c. each, \$2 per dozen.

Tritoma Uvaria. (Flame Flower.) A fine half hardy herbaceous plant, flowering during late summer and fall. The flower stalks shoot up 3 to 4 feet, high, tipped with bright orange red tube-shaped flowers that are very showy. 25c. each.

Yucca Filamentosa. (Adam's Needle.) A fine evergreen border plant, with sharp pointed leaves. The flower stalks are usually 4 to 6 feet high, and bear white bell-shaped flowers. 25c. each; extra size plants, 50c. each.

DIRECTIONS FOR PREPARING AND USING PARIS GREEN AND THE BORDEAUX MIXTURE.

There are many substances that may be used as insecticides and fungicides. Practically, however, there are but three substances used in nine-tenths of the work of spraying. These are Kerosene, Paris Green and the Bordeaux mixture.

For destroying "San José scale" spray with crude petroleum during winter or early spring before the buds swell.

Paris Green is an excellent insecticide for the destruction of insects that eat foliage. Its use for the destruction of the potato beetle is familiar to all. It should be used in the proportion of one pound of the green to 200 gallons of water, or a teaspoonful of the green to the bucket of water. The green should be first made into a thick paste with a little water before being added to the full amount of water. Lime water added to the solution will prevent any damage to the foliage, and also make the mixture adhere better.

The Bordeaux Mixture is the principal fungicide. Its use will prevent scab, rot, mildew and other diseases to which plants are liable. Its regular application will insure a healthy, vigorous plant growth, and will produce both more and better fruit. See the spray calendar for time of application.

FORMULA FOR MAKING.

Copper Sulphate.....	4 pounds.
Fresh lime.....	4 pounds.
Water to make.....	50 gallons.

Fill a barrel about one-half full of water. Place the copper sulphate in a coarse bag and suspend in the water near the top. If the bag is moved about in the water the copper sulphate will dissolve in a very short time. In another barrel place the fresh lime (not air slaked) and add a small amount of water to it. As the lime becomes slaked add more water from time to time until the barrel is nearly half full. Stir well during the slaking. Then add the lime water to the copper sulphate solution and the mixture is ready for use. In adding the lime water it is best to strain it through a coarse sieve, bag or burlap.

I am prepared to supply my customers with the best Spray Pumps on the market at exceptionally low prices.

 **SPRAYING CROPS.** A little book of 130 pages, by Professor Weed, of the New Hampshire Agricultural College, will be found of great value to any one at all interested in the subject. Illustrates the most destructive insect pests, and forms of fungous diseases, and tells *how* and *when* to spray to destroy them. Price 20c. a copy. A copy free to every purchaser of a Spray Pump.